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Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

04-AMCP-0020

OCT 20 2003

Mr. D. B. Van Leuven, President
and Chief Executive Officer
Fluor Hanford, Inc.
Richland, Washington 99352

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EDMC

Dear Mr. Van Leuven:

CONTRACT NO. DE-AC06-96RL13200 – ENVIRONMENTAL PROTECTION AGENCY
(EPA) APPROVAL OF THE K-EAST BASIN REGULATORY DOCUMENTS

Enclosed for your information and use are copies of the EPA approvals for the Radioactive Air Monitoring Plan (RAMP), K-East Basin Sludge and Water System, DOE/RL-2001-46, Revision 5 and the Assessment of K Basins Interim Remedial Action Design Changes – Large Diameter Container/Cask Purge Process.

RL should be notified immediately upon knowledge of additional changes in design, procedures, or operations that would require modification to the RAMP or Remedial Design Report, or require other regulatory interface. In addition, operating procedures should be reviewed and revised, if necessary, to be consistent with the approved documents.

If you have any questions, please contact me, or your staff may contact Larry Earley, Spent Nuclear Fuel Project Office, on (509) 373-9309.

Sincerely,

Keith A. Klein
Manager

AMCP:LDE

Enclosures: (2)

cc w/encls:

A. C. Crawford, FHI
W. J. Hoogendoorn, FHI
T. J. Ruane, FHI
D. K. Smith, DFSH
D. J. Watson, FHI

100 KR-2 Administrative Record



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 HANFORD PROJECT OFFICE
712 Swift Boulevard, Suite 5
Richland, Washington 99352

October 2, 2003

Larry Earley
Office of Spent Nuclear Fuels, Acting Director
U.S. Department of Energy
P.O. Box 550 A4-79
Richland, WA 99352

Re: EPA Approval of "Radioactive Air Monitoring Plan, K East Basin
Sludge and Water System", DOE/RL-2001-46, Rev 5

Dear Mr. Earley: *Larry*

The U.S. Environmental Protection Agency as reviewed and approves the subject document. If you have any questions, please contact me at 509-376-9884.

Sincerely,

Laurence E. Gadbois

Laurence E. Gadbois
K Basins Project Manager

Cc: Randy Acselrod, DOH
Carole Rodriguez, WTEC
Dave Watson, Fluor
Administrative Record, 100-KR-2

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 HANFORD PROJECT OFFICE
712 Swift Boulevard, Suite 5
Richland, Washington 99352

October 6, 2003

Larry Earley
Office of Spent Nuclear Fuels, Director
U.S. Department of Energy
P.O. Box 550 A4-79
Richland, WA 99352

Re: DOE letter 04-AMCP-0001 titled "Assessment of K Basins Interim Remedial Action Design Changes – Large Diameter Container/Cask Purge Process", dated Oct 3, 2003

Dear Mr. Earley: *Larry*

The U.S. Environmental Protection Agency has received the subject letter which transmitted the document titled "K Basins Interim Remedial Action Remedial Design Change Description for Active Inert Ventilation System", dated September 17, 2003. As stated in the past, EPA supports this more efficient approach of providing updates to EPA for review and approval of remedial design changes in lieu of revising the remedial design report remedial action work plan document DOE/RL-99-89.

The EPA has reviewed the design changes provided in the subject letter, which generally describes the system for using argon rather than helium as the inert gas environment in the sludge cask. Some of the design changes apply to waste management at T Plant for which the State has design approval authority. However most of the document describes the K Basins and transportation portion of the sludge remedial action, and EPA approves that remedial design.

If you have any questions, please contact me at 509-376-9884.

Sincerely,

Laurence E. Gadbois

Laurence E. Gadbois
K Basins Project Manager

Cc: Randy Accelrod, DOH
Carole Rodriguez, WTEC
Dave Watson, Fluor
Administrative Record, 100-KR-2

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